## AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the

application:

## LISTING OF CLAIMS

1. (Currently Amended) A method <u>implemented using a data processing device, the</u>

<u>method</u> comprising:

in anticipation of distribution of a data assembly, adding redundant data to the data

assembly based on a characteristic of a component <u>of a data management system</u> targeted for

receipt of the data assembly.

2. (Original) The method of claim 1, wherein adding redundant data to the data

assembly comprises duplicating a second data assembly referenced by the data assembly.

3. (Original) The method of claim 1, further comprising distributing the data

assembly including the redundant data.

4. (Currently Amended) The method of claim 1, wherein ~~adding redundant data~~

~~comprises adding~~ redundant data <u>is added</u> based on a technical characteristic <u>that characterizes a</u>

<u>technical capability</u> of the component <u>of the data management system</u>.

Applicants : Steuernagel et al.
Serial No. : 10/661,352
Filed : September 12, 2003
Page : 3 of 24

Attorney's Docket No.: 13907-056001 / 2003P00129 US

5. (Currently Amended) The method of claim 4, wherein ~~adding redundant data comprises adding~~ redundant data is added based on a technical ability of the component to handle complex data objects.

6. (Currently Amended) The method of claim 1, wherein ~~adding redundant data to~~ the data assembly comprises ~~adding redundant data to~~ a data object.

7. (Currently Amended) A computer program product, tangibly stored on ~~a~~ one or more computer-readable ~~medium~~ media, the computer program product comprising instructions operable to cause ~~a~~ one or more ~~processor~~ processors to perform operations, the operations comprising:

receiving valuation information ~~relating to an appraisal~~ describing results of an evaluation of the appropriateness of distributing a portion of a data assembly ~~for distribution~~ to a component in a data management system; and

modifying the data assembly for distribution based on the received valuation information.

8. (Original) The product of claim 7, wherein the operations further comprise:

receiving an indication of invalidity of the portion of the data assembly; and

eliminating the invalid portion of the data assembly for distribution.

9. (Original) The product of claim 7, wherein the operations further comprise

receiving an indication of a change to the portion of the data assembly, the change relating to an update to a version of a device described by the data assembly.

Applicants : Steuernagel et al.
Serial No. : 10/661,352
Filed : September 12, 2003
Page : 4 of 24

Attorney's Docket No.: 13907-056001 / 2003P00129 US

10. (Original) The product of claim 9, wherein the operations further comprise eliminating, for distribution, the portion of the data assembly that describes a previous version of the device described by the data assembly.

11. (Original) The product of claim 9, wherein the operations further comprise automatically identifying the data assembly for distribution upon receipt of the indication of the change to the portion of the data assembly.

12. (Original) The product of claim 7, wherein the operations further comprise reducing complexity of the data assembly.

13. (Original) The product of claim 12, wherein reducing complexity of the data assembly comprises ~~includes~~ eliminating an object from the data assembly.

14. (Original) The product of claim 7, wherein the operations further comprise eliminating plural references to a single data object.

15. (Original) The product of claim 7, wherein the operations further comprise receiving the valuation information as metadata included in the data assembly.

16. (Currently Amended) The product of claim 7, wherein the ~~operations further comprise receiving the~~ valuation information ~~relating to~~ is based at least in part on a context of a target component of a data management system.

17.     (Currently Amended)  The product of claim 16, wherein the ~~operations further comprise receiving the~~ valuation information ~~relating to~~ is based at least in part on an application performed at the target component.

18.     (Currently Amended)  A computer program product, tangibly stored on ~~a~~ one or more computer-readable ~~medium~~ media, the computer program product comprising instructions operable to cause ~~a~~ one or more ~~processor~~ processors to perform operations, the operations comprising:

receiving historical distribution information for a data assembly, the historical distribution information identifying one or more components of a data management system that have previously received some version of the data assembly; and

determining if distribution of at least a portion of a current version of the data assembly to a target component of the data management system is warranted based on the historical distribution information.

19.     (Currently Amended)  The product of claim 18, wherein ~~the operations further comprise~~:

~~receiving~~ the historical distribution information ~~identifying~~ identifies a distributed version of the data assembly, the distributed version being previously distributed to the target component; and

determining if distribution is warranted comprises determining if a current version of the data assembly includes changed data for which distribution to the target component is warranted.

20.    (Currently Amended)  The product of claim 18, wherein ~~the operations further comprise~~ determining if distribution is warranted comprises:

determining if the current version of the data assembly includes data associated with an updated lifecycle characteristic; and

determining if the update to the lifecycle characteristic makes distribution of the associated data to the target component warranted.

21.    (Currently Amended)  The product of claim 18, wherein ~~the operations further comprise~~ determining if distribution is warranted comprises determining if the current version of the data assembly includes data applicable to a role of the target component.

22.    (Original)  The product of claim 18, wherein the operations further comprise modifying the current version of the data assembly for distribution to the target component.

23.    (Original)  The product of claim 18, wherein the operations further comprise:

identifying a second data assembly related to the data assembly; and

determining if distribution of the second data assembly is warranted based on the relationship with the data assembly.

24.    (Currently Amended)  A computer program product, tangibly stored on ~~a~~ one or more computer-readable ~~medium~~ media, the computer program product comprising instructions operable to cause ~~a~~ one or more ~~processor~~ processors to perform operations, the operations comprising:

receiving a data assembly identified for distribution <u>to one or more target components in a data management system</u>;

extracting a characteristic of ~~the~~ content of the data assembly; ~~and~~

determining if distribution of at least a portion of the data assembly to a <u>first</u> target component <u>of the data management system</u> is warranted based on <u>a comparison of</u> the characteristic of the content <u>with a characteristic of the first target component; and</u>

<u>determining if distribution of at least the portion of the data assembly to a second target component of the data management system is warranted based on a comparison of the characteristic of the content with a characteristic of the second target component</u>.

25.    (Canceled)

26.    (Currently Amended 1)  The product of claim 24, wherein ~~the operations further comprise~~ <u>extracting the characteristic of the content comprises</u> searching the content of the data assembly for a keyword relevant to the <u>first</u> target component.

27.    (Currently Amended)  The product of claim 24, wherein ~~the operations further comprise~~ <u>extracting the characteristic of the content comprises</u> parsing language in the content of the data assembly for language relevant to the <u>first</u> target component.

28.    (Currently Amended)  The product of claim 24, wherein ~~the operations further comprise~~ <u>determining if distribution is warranted comprises</u> comparing the characteristic of the content with a <u>technical</u> characteristic of the <u>first</u> target component.

29.    (Currently Amended)  The product of claim 24, wherein ~~the operations further comprise~~ determining if distribution is warranted comprises comparing the characteristic of the content with a role of the first target component.

30.    (Currently Amended)  The product of claim 24, wherein the operations further comprise modifying ~~the~~ current version of the data assembly for distribution to the first target component.

31.    (New)  The method of claim 1, wherein the data assembly comprises master data and ~~the~~ distribution of the data assembly is part of master data management in the data management system.

32.    (New)  The product of claim 7, wherein the data assembly comprises master data and ~~the~~ distribution of the data assembly is part of master data management in the data management system.

33.    (New)  The product of claim 18, wherein the data assembly comprises master data and ~~the~~ distribution of the data assembly is part of master data management in the data management system.

34.    (New)  The product of claim 24, wherein the data assembly comprises master data and ~~the~~ distribution of the data assembly is part of master data management in the data management system.